

REMARKS**I. Status of the Claims:**

Claims 1 and 3-30 are currently pending.

II. Rejections Under 35 U.S.C. §§102 and 103:

Claim 30 has been rejected under 35 U.S.C. §102(b) as being anticipated by Rawlings (G.B. Patent No. 531,185). Claims 1-8, 13-16, 20-24, and 29 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. (U.S. Patent No. 6,558,032). Claims 9-12 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. as applied to claim 1 above, and further in view of Carel (U.S. Patent No. 4,177,505). Claims 17-18 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. as applied to claim 1 above, and further in view of Serizawa (U.S. Publication No. 2002/0034081). Claim 19 has been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. and Serizawa as applied to claim 17 above, and further in view of Lehman (U.S. Patent No. 1,897,202). Claim 25 has been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. as applied to claim 24 above, and further in view of Gotou (U.S. Patent No. 6,402,356). Claims 26 and 28 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. as applied to claim 23 above, and further in view of Gotou. Claim 27 has been rejected under 35 U.S.C. §103(a) as being unpatentable over Rawlings in view of Kondo et al. as applied to claim 23 above, and further in view of Carel. Applicants respectfully traverse the rejections, as follows.

Independent claims 1 and 30 are directed to arrangements involving a light engine having: (i) at least one front inner reflection face which is provided to deflect at least part of the

rays of light that enter the light engine, toward the outlet face, such that the rays of light leave the light engine by way of the outlet face by being refracted, and such that these rays of light strike the coaxial annular reflector at given angles of incidence and (ii) a rear inner reflection face of concave parabolic annular shape, which is focused on the light source and which reflects the rays of light axially toward the front.

On the contrary, in Rawlings, all the rays penetrating in the alleged light engine J are deviated by "refractions", not by "reflection". For example, K1 refracts, not reflects as shown in Fig. 1. Thus, Rawling does not disclose or suggest the above-noted front inner reflection face and rear inner reflection face, as claimed. The remaining references as relied upon by the Examiner do not remedy the deficiencies in the Rawlings' teaching, individually or in combination.

Further, as to claim 1, even assuming that Rawlings and Kondo can be combined, the resulting combination would result in either (1) the alleged light vehicle J of Rawlings replacing the mirror 4 of Kondo, which would lead to no reflection occurring for deflecting the light rays, or (2) the mirror 4 of Kondo replacing the alleged light engine J in Rawlings, which would lead to no light ray leaving the light engine by being refracted.

Accordingly, claims 1 and 30 and their dependent claims are distinguishable over the cited references, individually or in combination. Reconsideration and withdrawal of the rejeciton are respectfully requested.

CONCLUSION

Based on the foregoing remarks, Applicants respectfully request reconsideration and withdrawal of the rejection of claims and allowance of this application.

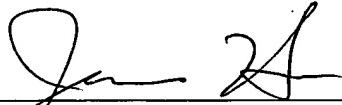
AUTHORIZATION

The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. 13-4500, Order No. 1948-4823.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. 13-4500, Order No. 1948-4823.

Respectfully submitted,
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